

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
*(Use several sheets if necessary)*

Docket Number (Optional)

SPT-029.01

Application Number

09/934,250

Applicant

Dang et al.

Filing Date

3/2/02

Group Art Unit

1617

**U.S. PATENT DOCUMENTS**


EXAMINER INITIAL	DOCUMENT NUMBER	NAME	CLASS	SUBCLASS	ISSUING DATE IF APPROPRIATE
SH	AA	4,954,298	9-4-90	Yamamoto et al.	
	AB	4,978,332	12-18-90	Luck et al.	
	AC	5,439,686	8-8-95	Desai et al.	
	AD	5,747,060	5-5-98	Sackler et al.	
	AE	5,853,732	12-29-98	Munden	
	AF	5,993,836	11-30-99	Castillo	
	AG	6,214,387	4-10-01	Berde et al.	
	AH	6,217,911	4-17-01	Vaughn et al.	
	AI	5,906,814	5-25-99	H. Epstein	
	AJ	5,733,572	3-31-98	Unger et al.	
SH	AK	4,265,883	5-5-81	M.R. Cameron	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
SH	AL	JP 8-259464	10-8-96	Japan		X	
	AM	WO 00/64437	11-2-00	PCT			
	AN	WO 94/05265	3-17-94	PCT			
	AO	WO 94/20144	9-15-94	PCT			
SH	AP	WO 95/09613	4-13-95	PCT			

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SH	AQ	Castillo et al., "Glucocorticoids Prolong Rat Sciatic Nerve Blockade In Vivo from Bupivacaine Microspheres," Anesthesiology, 85(5):1157:1166 November (1996)			
SH	AR	Curley et al., "Prolonged Regional Nerve Blockade," Anesthesiology, 84(6):1401:1410 (1996)			
SH	AS	Dybre et al., "Inclusion of Lignocaine Base Into a Polar Lipid Formulation In Vitro Release Duration Of Peripheral Nerve Block and Arterial Blood Concentrations in the Rat," Acta Anaesthesiol Scan 45:583-589 (2001)			
EXAMINER			DATE CONSIDERED	5/17/02	

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Form PTO-1449

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SH	AT	5,531,925	07/02/96	Landh et al.		
	AU	5,573,781	11-12-96	Brown et al		
	AV	5,622,993	4-22-97	McGinity et. Al		
	AW	09/907,478		Dang et al.		7-17-01
SH	AX	09/934,794		Dang		8-21-01

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
SH	AY	WO 97/44016	11-27-97	PCT			
SH	AZ	WO 97/49391	12-31-97	PCT			
	BA	JP 200197848	4-10-01	Japan			
SH	BB	WO 2000/038617	7-6-00	PCT			
SH	BC	WO 2000/021504	4-20-00	PCT			

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages Etc.)

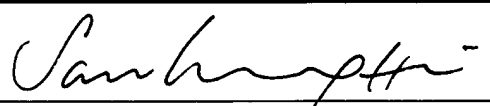
SH	BD	Drager et al., "Prolonged Intercostal Nerve Blockage in Sheep Using Controlled-Release Of Bupivacaine and Dexamethasone from Polymer Microspheres," Anesthesiology, 89(4):969-979 October (1998)
	BE	Fletcher et al. "Antinociceptive Effect of Bupivacaine Encapsulated in Poly (D,L)-Lactide-Co-Glycolide Microspheres in the Acute Inflammatory Pain Model of Carrageenin-Injected Rats," Anesth Analg, 84:90-94 (1997)
	BF	Garry et al., Evaluation of the Efficacy of a Bioerodible Bupivacaine Polymer System on Antinociception and Inflammatory Mediator Release," Pain 82:49-55 (1999)
	BG	Gorner et al., "Lidocaine-loaded Biodegradable Nanospheres. I. Optimization of the Drug Incorporation into the Polymer Matrix," Journal of Controlled Release 57:259-268 (1999)
	BH	Hou et al., "Comparison of Systemic Absorption of Aqueous and Liposomal Lidocaine Following IntraArticular Injection in Rabbits," J. Farnos Med Assoc, 96:141-143 (1997)
	BI	Ignatov et al., "Local Anesthetic Properties of a Trimecaine Polymer," Biull Eksp Biol Med 97:686-688 (1984)
	BJ	Kojima et al., "Preparation and Evaluation In Vitro of Polycarbonate Microspheres Containing Local Anesthetics, Chem. Pharm. Bull 32(7):2795-2802 (1984)
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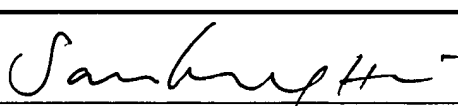
DATE CONSIDERED

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Form PTO-1449		Docket Number (Optional) GPT-029.01		Application Number 09/934,250				
<b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>				Applicant Yang et al.				
<b>FEB 28 2002</b> RECEIVED PATENT & TRADEMARK OFFICE				Filing Date 08/21/01				
				Group Art Unit 1617				
<b>FOREIGN PATENT DOCUMENTS</b>								
	DOCUMENT NUMBER	TRADEMARK	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
SH	BL	WO 99/51209	10-14-99	PCT				
SH	BM	EP 1043030	10-11-00	EP				
SH	BN	WO 98/56323	12-17-98	PCT				
	BO	JP 10316554	12-2-98	Japan				
SH	BP	WO 98/51282	11-19-98	PCT				
<b>OTHER DOCUMENTS</b>						<i>(Including Author, Title, Date, Pertinent Pages Etc.)</i>		
SH	BQ	Le Corre, "Spinal Controlled Delivery of Bupivacaine from DL-Lactic Acid Oligomer Microspheres," Journal of Pharmaceutical Sciences 84(1):75-78 (1995)						
	BR	Malinovsky et al., "A Dose-Response Study of Epidural Liposomal in Rabbits," Journal of Controlled Release 60:111-119 (1999)						
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	BU	Masters et al., "Liposphere Local Anesthetic Timed-Release for Perineural Site Application," Pharmaceutical Research 15(7):1038-1045 (1998)						
	BV	Masters et al., "Prolonged Regional Nerve Blockade by Controlled Release of Local Anesthetic from a Biodegradable Polymer Matrix," Anesthesiology, Vol. 79(2):340-346 August (1993)						
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	BX	Paavola et al., "Controlled Release and Dura Mater Permeability of Lidocaine and Ibuprofen from Injectable Poloxamer-Based Gels," Journal of Controlled Release 52:169-178 (1998)						
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		Group Art Unit 1617			
<b>FOREIGN PATENT DOCUMENTS</b>					
	DOCUMENT NUMBER	TRADE DATE	COUNTRY	CLASS	SUBCLASS
SH	CA	WO 98/18610	5-7-98	PCT	
	CB	JP 10-1441	1-6-98	JP	
SH	CC	WO 97/25023	7-17-97	PCT	
	CD	JP 08245369	9-24-96	Japan	
SH	CE	WO 96/09829	4-4-96	PCT	
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages Etc.)</i>					
SH	CF	Wakiyama et al., "Preparation and Evaluation In Vitro of Polylactic Acid Microspheres Containing Local Anesthetics, Chem. Pharm. Bull, 29(11):3363-3368 (1981)			
	CG	J. Dredan et al., "Modification of Drug Release with Application of Pharmaceutical Technological Methods" Acta Pharm. Hung. (1999)			
	CH	T. Foster et al., "Release of Highly Water-Soluble Medicinal Compounds from Inert, Heterogeneous Matrixes. II: Melt," J. Pharm. Sci., 79(10), 938-42 (1990)			
	CI	T. Foster et al., "Release of Highly Water-Soluble Medicinal Compounds from Inert, Heterogeneous Matrixes. I: Physical Mixture," J. Pharm. Sci., 79(9), 806-10 (1990)			
	CJ	T. Foster et al., "Constant Release Rate from Inert Heterogeneous Matrixes by Mean of Position-Dependent Loading," Drug Dev. Ind. Pharm. 16(10), 1633-48 (1990)			
	CK	K. Hohn-Elkarim et al, "Modification of Effects of Radiation on Thymidine Kinase" Int. J. Radiat. Biol. 58(1), 97-110 (1990)			
	CL	S.G. Kalaicheva et al., "The Effect of Drugs and Excipients on the Rheological Properties of Castor Oil Emulsions" Farm. Zh. (Kiev) (1)62-63 (1990)			
	CM	R.T. Lostritto et al., "Temperature and Cosurfactant Effects on Lidocaine Release from Submicron Oil-in-Water Emulsions" J. Parenter. Sci. Technol 41(6) 220-4 (1987)			
	CN	U. Hillgren et al., "Mass transfer Across Liquid-Liquid Interfaces. VI. Distribution Rate of Lidocaine in the Presence of Nonionic Surfactant" Acta Pharm. Suec. 23(1)1-13 (1986)			
	CO	I.A. Murav'ev et al., "Study on the Photoprotective Properties of Ointment Components" Farmatsiya 35(2)8-10, 1986**			
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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
SH	CQ	WO 95/26715	10-12-95	PCT			
	CR	JP 7173078	7-11-95	Japan			
SH	CS	WO 93/24154	12-9-93	PCT			
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SH	DH	F.J. Van de Vaart, "Separation of some Fatty Ointment Excipients by Gradient Elution HPTLC" Pharm. Weekbl. 116(36)1098-101 (1981)
SH	DI	Abstracts for certain references cited here.
SH	DJ	P. Pflgel, "Untersuchungen zur Loslichkeit von Arzneistoffen in Lipoiden Vehikeln" Pharmazie 48:741-743 (1993)
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\*Abstract only.

